

In the Claims:

Please cancel claims 1-76.

Please amend claims 85, 86, 88-90, 93-97 and 99-104 to read as follows:

85. (Amended) An ophthalmic lens according to claim 83, wherein the at least one wavefront aberration term provided to the passing wavefront by the lens is a spherical aberration term, such that a wavefront arriving from the cornea of the patient's eye obtains a reduction in said spherical aberration term provided by the cornea after passing said lens.

86. (Amended) An ophthalmic lens according to claim 83, wherein the at least one wavefront aberration term provided to the passing wavefront by the lens is at least one term of a Zernike polynomial representing the wavefront aberration of the cornea.

88. (Amended) An ophthalmic lens according to claim 83, wherein said selected group of people is a group of people belonging to a specific age interval.

89. (Amended) An ophthalmic lens according to claim 83, wherein the lens is adapted to be used by a patient that has undergone corneal surgery and wherein said selected group of people is a group of people who have undergone corneal surgery.

90. (Amended) An ophthalmic lens according to claim 83, wherein said selected group of people is a group of people who will undergo a cataract surgical operation.

93. (Amended) An ophthalmic lens according to claim 83, wherein the lens is provided with a, for the patient, suitable refractive power less than or equal to 30 diopters.

94. (Amended) An ophthalmic lens according to claim 83, wherein one of the at least one nonspheric surface of the lens is the anterior surface.

95. (Amended) An ophthalmic lens according to claim 83, wherein one of the at least one nonspheric surface of the lens is the posterior surface.

96. (Amended) An ophthalmic lens according to claim 83, wherein the lens is made from a soft biocompatible material.

97. (Amended) An ophthalmic lens according to claim 83, wherein the lens is made of a silicone material.

99. (Amended) An ophthalmic lens according to claim 83, wherein the lens is made of hydrogel.

100. (Amended) An ophthalmic lens according to claim 83, wherein the lens is made of a rigid biocompatible material.

101. (Amended) An ophthalmic lens according to claim 83, wherein the lens is adapted to balance the spherical aberration of a cornea that has a Zernike polynomial coefficient representing spherical aberration of the wavefront aberration with a value in the interval from 0.000156 mm to 0.001948 mm for a 3 mm aperture radius using polynomials expressed in OSLO format.

102. (Amended) An ophthalmic lens according to claim 83, wherein the lens is adapted to balance the spherical aberration of a cornea that has a Zernike polynomial coefficient representing spherical aberration of the wavefront aberration with a value in the interval from 0.000036 mm to 0.000448 mm for a 2 mm aperture radius using polynomials expressed in OSLO format.

103. (Amended) An ophthalmic lens according to claim 83, wherein the lens is adapted to balance the spherical aberration of a cornea that has a Zernike polynomial coefficient representing spherical aberration of the wavefront aberration with a value in the interval from 0.0001039 mm to 0.0009359 mm for a 2.5 mm aperture radius using polynomials expressed in OSLO format.

104. (Amended) An ophthalmic lens according to claim 83, wherein the lens is adapted to balance the spherical aberration of a cornea that has a Zernike polynomial coefficient representing spherical aberration of the wavefront aberration with a value in the interval from 0.000194 mm to 0.00365 mm for a 3.5 mm aperture radius using polynomials expressed in OSLO format.